

9-007 SAN LUIS REY VALLEY

Basin Boundaries

Summary

The San Luis Rey Valley groundwater basin is located on the southern coast near Oceanside and extends inland along the San Luis Rey River. The basin is generally bounded by the consolidated bedrock formations which surround the alluvial valley. The boundary is defined by the eight (8) segments detailed in the description below.

Segment Descriptions

Segment Label	Segment Type	Description	Ref
1-2	E Ocean	Begins at point (1) and follows Oceanside Harbor to point (Y).	{a}
2-3	E Alluvial	Continues from point (2) and follows the contact of alluvium with marine sediments to point (3).	{b}
3-4	E Alluvial	Continues from point (3) and follows the contact of alluvium with Mesozoic granitic rocks to point (4).	{b}
4-5	E Alluvial	Continues from point (4) and follows the contact of alluvium with Jurassic marine sediments and Mesozoic intrusive rocks to point (5).	{b}
5-6	E Alluvial	Continues from point (5) and follows the contact of alluvium with Mesozoic granitic rocks to point (6).	{b}
6-7	E Alluvial	Continues from point (6) and follows the contact of alluvium with Jurassic marine sediments and Mesozoic intrusive rocks to point (7).	{b}
7-8	E Alluvial	Continues from point (7) and follows the contact of alluvium with marine sediments to point (8).	{b}
8-1	E Ocean	Continues from point (8) and generally follows the Pacific Ocean and ends at point (1).	{a}

Significant Coordinates

Point	Latitude	Longitude	
1	33.207955117	-117.396988132	
2	33.213685436	-117.393808483	
3	33.306768259	-117.308515625	
4	33.360912637	-117.166420268	
5	33.346527396	-117.111004324	
6	33.276540441	-117.228245855	
7	33.25542043	-117.273957531	
8	33.201443593	-117.390752376	

Map

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<http://sgma.water.ca.gov/bbat/?appid=160718113212&subbasinid=9-07>

References

Ref	Citation	Pub Date	Global ID
{a}	United States Geological Survey (USGS), National Hydrography Dataset, Flowline Dataset for California, note: Coordinated effort among the United States Department of Agriculture-Natural Resources Conservation Service (USDA-NRCS), the United States Geological Survey (USGS), and the Environmental Protection Agency (EPA). URL: http://nhd.usgs.gov/data.html	2/1/2016	1
{b}	California Geological Survey (CGS), Geologic Atlas of California Map No. 019, Santa Ana Sheet, 1:250,000, Thomas H. Rogers. URL: http://www.quake.ca.gov/gmaps/GAM/santaana/santaana.html	1965	25

Footnotes

- I: Internal
- E: External